

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

**Declaration and Power of Attorney**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled SYSTEMS AND METHODS FOR AUTOMATIC SPEECH RECOGNITION, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventors' certificate and/or United States provisional application(s) filed by me or my legal representatives or assigns within one year prior to the application as listed below and have also identified below any foreign application for patent or inventors' certificate and/or United States provisional application(s) having a filing date before that of the application on which priority is claimed:

**Serial No.: 60/240,243**  
**Filed: October 13, 2000**

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, we acknowledge the duty to disclose all information known to us to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

**Serial No.**  
**Filed**  
**Status:**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

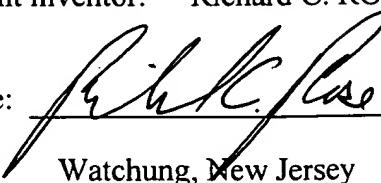
Robert T. Canavan	(Reg. No. 37,592)
Michele L. Conover	(Reg. No. 34,962)
Cedric G. DeLaCruz	(Reg. No. 36,498)
Samuel H. Dworetzky	(Reg. No. 27,873)
Rohini K. Garg	(Reg. No. 45,272)
Gregory J. Gorrie	(Reg. No. 36,530)
Thomas M. Isaacson	(Reg. No. 44,166)
Benjamin S. Lee	(Reg. No. 42,787)
Robert B. Levy	(Reg. No. 28,234)
Susan E. McGahan	(Reg. No. 35,948)
Gary H. Monka	(Reg. No. 35,290)
Jeffrey M. Navon	(Reg. No. 32,711)
Stephen J. Pentlicki	(Reg. No. 40,125)
Thomas A. Restaino	(Reg. No. 33,444)
Alfred G. Steinmetz	(Reg. No. 22,971)
Christine Szwerc	(Reg. No. 43,177)

I also appoint James A. Oliff (Reg. No. 27,075), William P. Berridge (Reg. No. 30,024), Kirk M. Hudson (Reg. No. 27,562), Thomas J. Pardini (Reg. No. 30,411), Edward P. Walker (Reg. No. 31,450), Robert A. Miller (Reg. No. 32,771), Mario A. Costantino (Reg. No. 33,565), Stephen J. Roe (Reg. No. 34,463), Joel S. Armstrong (Reg. No. 36,430), Christopher W. Brown (Reg. No. 38,025), and Richard E. Rice (Reg. No. 31,560) of OLIFF & BERRIDGE, PLC as associate attorneys, with full power to prosecute said application, to make alterations and amendments therein, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Please address all correspondence to OLIFF & BERRIDGE, PLC, P.O. Box 19928, Alexandria, Virginia 22320. Telephone calls should be made to (703) 836-6400.

Full name of 1<sup>st</sup> joint inventor: Richard C. ROSE

Inventor's signature:



Date

December 20, 2001

Residence: Watchung, New Jersey

Citizenship: United States

Post Office Address: 180 Park Avenue, Rm. D129, P.O. Box 971  
Florham Park, New Jersey 07932

Full name of 2<sup>nd</sup> joint inventor: Sarangarajan PATHASARATHY

Inventor's signature Sarangarajan Pathasarathy Date December 24, 2001

Residence: New Providence, New Jersey

Citizenship: India

Post Office Address: 180 Park Avenue, Rm. D135, P.O. Box 971  
Florham Park, New Jersey 07932

Full name of 3<sup>rd</sup> joint inventor: Aaron Edward ROSENBERG

Inventor's signature Aaron E Rosenberg Date December 20, 2001

Residence: Berkeley Heights, New Jersey

Citizenship: United States

Post Office Address: 180 Park Avenue, Rm D163, P.O. Box 971  
Florham Park, New Jersey 07932

Full name of 4<sup>th</sup> joint inventor: Shrikanth Sambasivan NARAYANAN

Inventor's signature S. Narayanan Date Dec 12/2001

Residence: Los Angeles, California

Citizenship: India

Post Office Address: Signal and Image Institute  
Department of Electrical Engineering, Room EEB430  
University of Southern California  
Los Angeles, California 90089-2564